

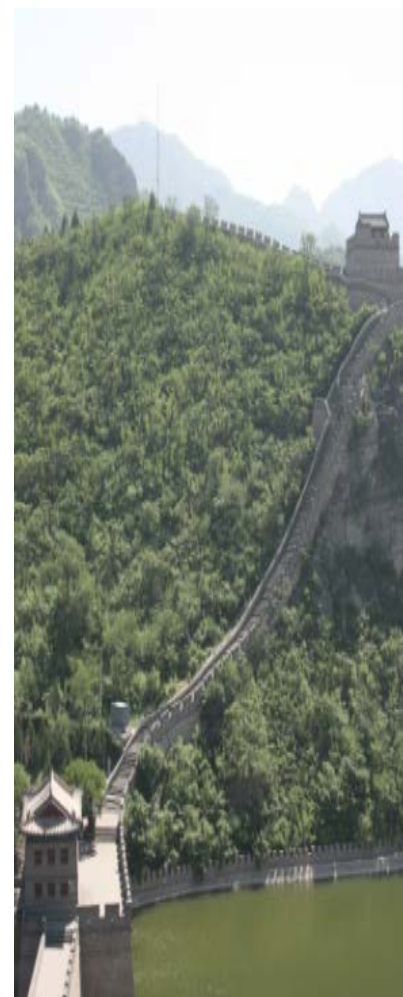
Academic Library Visits in Beijing (May-June 2007)

Presented for the Library Council

Georgia Tech Library

Lisha Li

August 2007



GA Tech Foreign Students Enrollment

GA Tech Foreign Students Enrollment Data (Fall 2006)						
Country	Undergraduate	Graduate		Total		
India	171	599	25%	770	26%	
China	12	455	19%	467	16%	
Korea	102	332	14%	434	15%	
Total	547	2360		2907		

* From Georgia Tech Factbook 2006

GA Tech International Exposure

Current campuses:

- GA Tech Lorraine
- GA Tech Ireland

Future campuses/collaborations:

- GA Tech Singapore (Graduate Program, opening Fall 2009)
- GA Tech Shanghai (Dual Degree Program)
- GA Tech India (New campus, opening Fall 2009)
- Dual Degree Program in South Korea

Three Libraries Visited

- Beijing Jiaotong University Library

北京交通大学图书馆

- Beijing Institute of Technology Library

北京理工大学图书馆

- Tsinghua University Library

清华大学图书馆

Beijing Jiaotong University



北京交通大學

Beijing Jiaotong University (BJTU)

Overview

- Established: 1896 (formerly Beijing Railway Management School by the Qing Government)
- 9 Schools:
 - School of Electronic and Information Engineering
 - School of Computer and Information Technology
 - School of Traffic and Transportation
 - School of Civil Engineering and Architecture
 - School of Mechanical and Dynamical Engineering
 - School of Electrical Engineering and Electrical Power Studies
 - School of Sciences
 - School of Economics and Management
 - School of Humanities and Social Sciences
- Current Faculty: 1,445, 41.8% with Ph.D.
- Students: Undergraduate: 13,784; Graduate: 3,108
- 2006 national ranking: 49.

Beijing Jiaotong University Library



- History: established in 1909.
- Space: 13,515 square meter (145,474 square foot, or 3.34 acre)
- Collections: 1.35 million volumes
- Databases: 140 (30 in English; 90% through consortium: CALIS*)
- Integrated system: ALEPH 500.
- E-journals: 18,000
- Theses/Dissertations: 76,000
- Standards: 23,000

** CALIS: China Academic Library & Information System, established in 1998; Current members: >500.*

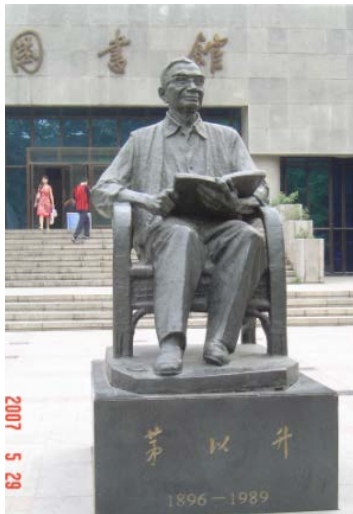
Beijing Jiaotong University Library (2)



- Electronic resources: 220,000 (through CADLIS**)
- Collection Focus: Railways and transportations, engineering, and business, economics, sciences, humanities.
- Staff: 75 (Masters & Ph.D: 21%)
- Computers: 290; Seats: 2,100.

*** CADLIS: China Academic Digital Library & Information System*

BJTU Library



BJTU Library – Hall



BJTU Library – Social Science Collection Room



Social Science Books,
Theses/Dissertations and
Reference Collection Room

New Books
Display



BJTU Library – Engineering Collection Rooms



Archival Collections

百年馆藏见证交大百年

第一部分：
“印鉴见证历史、朱砂传承文化”——北京交通大学图书馆藏书章展

地点：图书馆6层善本书库

第二部分：
铁路线路图（1955年和1994年铁路图）

地点与位置：图书馆6层善本书库

第三部分：
特藏珍善本：1、清朝护照照片，2、胶济铁路工程照片，3、川汉铁路股票及息折，4、邮传部第一期路政统计、邮传部第一期交通官报，5、京张铁路工程照片，6、德国第5000号机车制造成功纪念册，7、中东铁路商业技术统计图表，8、满洲事变与满铁，9、周总理签发中长铁路交接文件10、交通部铁路管理学校高等乙科班毕业纪念册(1920年)以及其它校友录

地点与位置：图书馆6层善本书库展柜

第四部分：大师读书—金士宣教授自制剪报及图书研读考证批注

地点与位置：图书馆6层善本书库展柜

Rail Way Maps (1955-1994)

Passport photos of the Qing Dynasty

Shandong Rail way construction photos

BJTU Library – Computer Room



BJTU Library – Study Room



Beijing Institute of Technology

北京理工大学

Beijing Institute of Technology (BIT)

Overview

- Established: 1940.
- 13 colleges; 47 departments, 43 research institutes.
 - College of Information Science and Technology
 - College of Aerospace Engineering
 - College of Mechanical and Automotive Engineering
 - College of Materials Science and Engineering
 - College of Chemical and Environment Engineering
 - College of Bioengineering
 - College of Sciences
 - College of Management and Economics
 - College of Humanities and Social Sciences
 - College of Arts and Design
 - College of Computing
 - College of Software
 - College of Foreign Languages

BIT Overview (2)

- Students: 36,533 (Undergraduate: 13,627; graduate: 7,192; and others).
- Employees: 3,501; Faculty: 1,771.
- 2006 national ranking: 29.

Beijing Institute of Technology Library

北京理工大学图书馆

- Established: 1940.
- Space: 25,500 square meter (274,479 Square Foot, or 6.3 acre), including an older building (1983) & a newer one (2004).
- Books and bound journals: 1.24 million volumes.
- Periodicals: 2,900.
- Electronic books: 710,000 (including theses, proceedings, reports).
- E-Journals: 17,000.
- Collection focus: Engineering, specially in optical, chemical, materials, telecommunication, electronic, automotive.
- Subject Librarian introduced a couple of years ago.
- Computers: 159; Network ports: 402, wireless coverage; Seats: 1,797.

BIT Library - Interlibrary Borrowing Agreements with 38 other member college/university libraries in Beijing...

北京理工大学图书馆	北方交通大学图书馆	北京师范大学图书馆
中国人民大学图书馆	北京航空航天大学图书馆	北京科技大学图书馆
北京大学医学图书馆	中国政法大学图书馆	中央财经大学图书馆
首都师范大学图书馆	清华大学图书馆	北京化工大学图书馆
中国农业大学图书馆	北京林业大学图书馆	北方工业大学图书馆
北京农学院图书馆	北京石油化工学院图书馆	华北电力大学图书馆
北京工业大学图书馆	北京中医药大学图书馆	北京体育大学图书馆
对外经济贸易大学图书馆	中国青年政治学院图书馆	外交学院图书馆
中国人民公安大学图书馆	北京工商大学图书馆	首都医科大学图书馆
国际关系学院图书馆	中国传媒大学图书馆	北京语言大学图书馆
中国矿业大学图书馆	中国社科院研究生院图书馆	北京第二外国语学院图书馆
中国中医科学院图书馆	北京人民警察学院图书馆	北京服装学院图书馆
北京电影学院图书馆	北京外国语大学图书馆	北京邮电大学图书馆

BIT Library - Interlibrary Borrowing Agreements with 38 other member college/university libraries in Beijing...

- Renmin University of China Library
- Beijing University Medical College Library
- Capital Normal University Library
- China Agriculture University Library
- Beijing University of Technology
- University of International Business and Economics Library
- Institute of International Relations Library
- Beijing Jiaotong University Library
- Beihang University Library
- China University of Politics and Law
- Tsinghua University Library
- Beijing Forestry University Library
- Beijing Institute of Petrochemical Technology Library
- Beijing Technology and Business University Library
- Communication University of China Library
- University of Science and Technology Beijing Library
- Beijing Film Academy Library
- Beijing University of Finance and Economics Library
- North China University of Technology Library
- North China Electric Power University Library
- Beijing Union University Library
- Capital Medical University Library
- Beijing Language and Culture University Library
- Beijing University of Posts and Telecommunications Library
- Beijing Foreign Studies University Library
- Beijing Normal University Library
- ...

... & National Science Library,
Chinese Academy of Sciences

- Borrowing through institution library card



BIT Library – Circulation Desks

Return



Borrow



BIT Library – User Service Desk



BIT Library – Collection Room



BIT Library – Study Area



BIT Library – Computer Rooms



BIT Library – Reference Desk



BIT Library



Tsinghua University



清華大學

Tsinghua University Overview

- Established: 1911 (as a preparatory school, Tsinghua Xuetaang, for students to go studying in the U.S. Renamed Tsinghua School in 1912)
- First women students admitted: 1928.
- Employees: 7,588 (Faculty: 2,857; Researchers: 1,779)
- Students: 31,786 (Undergraduate: 13,788; Graduate: 17,998).
- Area: 405.9 hectare (1,003 acres).

Tsinghua University Overview (2)

- Colleges: 13. Departments: 54.
 - College of Architecture
 - School of Civil Engineering
 - School of Mechanical Engineering
 - School of Aerospace Engineering
 - School of Information Science and Technology
 - School of Science
 - School of Economics and Management
 - School of Public Policy and Management
 - School of Humanities and Social Sciences
 - School of Law
 - School of Journalism and Communication
 - Academy of Arts and Design
 - College of Medicine
- National ranking: 1st.

Tsinghua University Library

清华大学图书馆

- Established: 1912.
- Space: 39,000 square meter (~419 square foot or 9.6 acre)
- Collection: 3.9 million volumes (including ancient books: 300,000 volumes)
- Current serials: 4,000.
- E-Journals: 42,000; e-Books: 920,000.
- Multimedia materials: 35,000.
- Databases: 356 (50% through CALIS).
- Library Integrated System: INNOPAC Millennium.
- MetaLib+SFX system introduced in 2005.
- Collection focus: mainly on natural science, engineering and technology, plus the humanities, social sciences and management.
- 160,000 foreign language books open shelf by 2006.
- Seats: 2,500.

Tsinghua University Library (2) 清华大学图书馆

- Setting: Main Library, plus subject libraries in Business, Architecture, Law, Humanities, Arts, and Medicine.
- Employee: 162 (with Ph.D. & Masters: 33.3%; including Library Science: 38%, Science/Engineering: 34%, Humanities: 15%, others: 13%).
- “Subject Librarians” introduced in 1998.
- CALIS Engineering Center established in 1999.
- OCLC Service Center established in 1996.

Tsinghua Library – Digital Projects

- CNKI (China National Knowledge Infrastructure): Knowledge search engine, including 8,000 periodicals, theses and dissertations from 300 universities, 1,000 newspapers, covering natural sciences, engineering, medicine, economics, law and humanities.
(<http://search.cnki.net/>)



Selected Chinese Electronic Resources

- China InfoBank
- China Economic Database
- China Law Info
- Chinese Academic Journals (5300 Chinese Full-text E-Journals)
- Chinese Sci & Tech E-journals (8000 Chinese Full-text E-Journals)
- Chinese Social Sciences Citation Index (CSSCI)
- WANFANG Chinese Databases (near 100 various Chinese databases)
- Tsinghua University Dissertation Service System
- Chinese E-Newspapers
- Chinese E-books

List of Databases in English

- ABI
- AIP
- ASME
- Cell Press
- Derwent Innovation Index
- Ei
- FirstSearch
- IEEE/IEE Electronic Library Online (IEL)
- ISI Chemistry
- ISI Proceedings(ISTP,ISSHP)
- Kluwer Online
- NTIS
- ACM
- APS
- BIOSIS Previews
- CrossFire Beilstein/Gmelin
- Ebrary
- Elsevier SDOS/SDOL
- Gale
- INSPEC
- ISI CCC
- ISI Web of Science(SCI,SSCI,AHCI)
- LexisNexis
- Nature
- ACS
- ASCE
- BlackWell
- CSA
- EBSCO
- e-Print arXiv
- HighWire Press
- IOP
- ISI JCR
- JSTOR
- MathSciNet
- NetLibrary
- Online CD-ROM Databases (Including CA, DAO, INIS, ISTP, SCI, etc.)
- PQDD
- ProQuest
- ProQuest Dissertation Fulltext
- RSC
- Safari
- Science Online
- SciFinder Scholar
- SPIE
- SpringerLinks
- Wiley InterScience
- WorldSciNet
- Zbl.Math
- Other Full-text E-journals

Copyright Statement

COPYRIGHT STATEMENT

- In order to protect the intellectual property rights in electronic resources, to save the reputation of Tsinghua University and to guarantee the legal rights of all authorized users as well, the library appeals to all the organizations and individuals to pay attention to and comply with the regulations on intellectual property rights in electronic resources.
- 1. Any downloading of the library-subscribed electronic resources by network downloading software tools is prohibited.
- 2. Any systematically over-downloading of full-text documents from library-subscribed databases is prohibited.
- 3. Any redistributing electronic literatures to non-Tsinghua users and any use of these electronic literatures for the purpose of making profits are prohibited.
- 4. Without the prior permission of the library, neither organization nor individual has the right to provide non-Tsinghua users to access the library-subscribed electronic resources via proxy server.
- 5. If there is any violation of the above rules, the library will make a detailed investigation together with university departments concerned. The violator will be punished by the following acts:
 - (1) Report to the academic department and criticize in the campus.
 - (2) Suspend his library privileges for six months.
 - (3) Suspend his network account for two months.

If there is any serious violation, the violator will be reported to the university and all the legal consequences and liabilities will be taken by the violator himself.

All the library users are encouraged to assist the library in supervising the use of electronic resources. If any violation of the rules occurs, please inform the library.

Tel: 62784591

Email: tsg@mail.tsinghua.edu.cn

Tsinghua Library – Interlibrary Loan

- Borrowing through Institution Borrowing Cards (agreements with 29 other universities and research institutes in Beijing)
- Online ILL/DDS request system
 - ILL with:
 - China National Library
 - China Academy of Science Library
 - Beijing University Library
- Became an OCLC Interlibrary Loan Provider in 2003.

OCLC Office in Beijing



OCLC Online Computer Library Center

a worldwide library cooperative

News releases

OCLC opens office in Beijing

DUBLIN, Ohio, USA, 9 August 2007—OCLC, the world's largest library cooperative, has opened an office in Beijing to better serve the growing information needs of libraries and other cultural heritage institutions in China and other parts of Asia.

OCLC officially opened the Beijing office with a grand-opening celebration July 20 with more than 150 leaders from libraries and other institutions in China attending. OCLC colleagues from Japan, Korea, Taiwan and Thailand also were in attendance. The OCLC office is located in Zhong Guan Cun, the academic center of Beijing often called "the Silicon Valley of China." Qiu Dongjiang, OCLC Chief Representative, is joined by three other OCLC staff members in the Beijing office.

"Opening this OCLC office in Beijing is truly an historic event," said Jay Jordan, OCLC President and CEO. "We value the relationships we've built with libraries in China over the past 21 years, and we look forward to more opportunities for cooperation in the years ahead. This is an important milestone for OCLC as we continue to evolve into a truly global enterprise that connects East and West and North and South."

100 academic institutions in China. In 2004, the CALIS (China Academic Library and Information System) consortium, under the leadership of Beijing University, began providing access to a NetLibrary eBook collection for 80 libraries in China.

Tsinghua University Library – Old Building (1919)



Tsinghua University Library – Old Building



Study Room



Social Science & Humanities Collection Room
(Closed Shelf and Circulation Desk)

Tsinghua University Library – Special Collection Room

Collections
of Well
Known
Chinese
Scholars

Alumni
Manuscript
Exhibit



Tsinghua Library – Newer Building (1991)



A normal scene: students waiting to get into the library (this photo is from: the Tsinghua University Library brochure)



Yifu Hall

Tsinghua Library - Lobby



Tsinghua Library – Reference Desk



Tsinghua Library – Reference Collection Room



Tsinghua Library – Current Western Journals



Tsinghua Library – Engineering Collection Rooms



Information
Retrieval Room

Interlibrary
loan Service



Tsinghua Library – Foreign Journal Bound Volumes Reading Room



Tsinghua Library – Computer Room

Consultation Desk



Information Retrieval Class

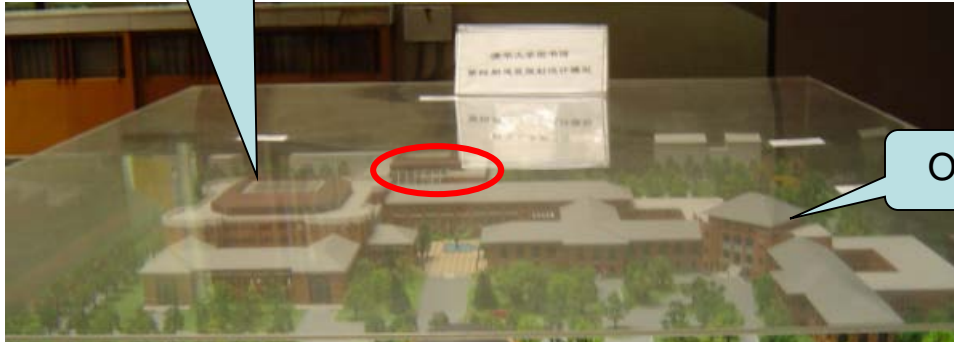


Information Retrieval Class (this photo is from: the Tsinghua University Library brochure)

- Master of Science in Education Technology Program collaborated with College of Humanities and Social Science. Area of study: Digital Library.
- Library required courses: Information Access: Principles and Technology; Information Resource Management.

Tsinghua Library – 4th Phase Planned Construction Model

Newer Building



Older Building

4th Phase: To be completed in 2011.



Models: courtesy of
Tsinghua University
Library

Differences

- Libraries in U.S
 - More centralized service points
 - Subject Librarians provide customized services
 - Students continue coming back to libraries due to restructuring
 - Rely on both institution and consortium for electronic resources
- Libraries in China
 - Scattered services points
 - Subject Librarians introduced in late 90's and early 2000's
 - Students rely on libraries for study
 - Rely heavily on consortium for electronic resources

Differences (2)

- Libraries in U.S.
 - Growth of Individual institution digital repositories
 - Moving from print to electronic journals
- Libraries in China
 - Starting institution digital repositories
 - Rely on electronic for western language journals

Next on List?

- Beijing University Library
- Shanghai Jiaotong University Library

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Questions?



Thanks!